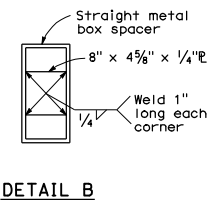
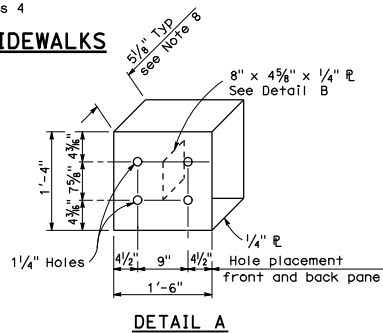
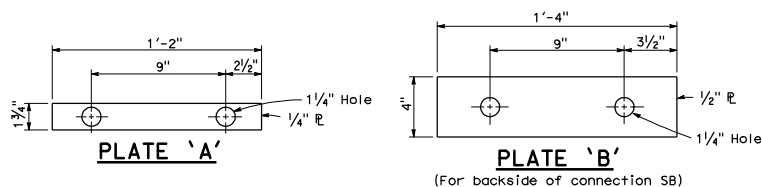


GUARD RAILING CONNECTION TO BRIDGE RAILING WITH SIDEWALKS



STRAIGHT METAL BOX SPACER

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET TOTAL No. SHEETS
Randell D. Hiatt REGISTERED CIVIL ENGINEER May 20, 2011 PLANS APPROVAL DATE The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.				
To accompany plans dated _____				

NOTES:

- See Standard Plan A77K2 for additional connection details to bridges with sidewalks.
- Direction of adjacent traffic indicated by →.
- For additional details of Transition Railing (Type WB), see Standard Plan A77J4. Transition Railing (Type WB) transitions the 12 gage w-beam standard railing section of guard railing to a heavier gage nested three beam railing which is connected to the concrete bridge railing.
- For typical use of Connection Detail FF, see Layout Types 12A and 12B on Standard Plan A77F1.
- For typical use of Connection Detail GG, see Layout Type 12D on Standard Plan A77F2 and Layout Type 12DD on Standard Plan A77F5.
- Where the bridge sidewalk is not continued beyond the end of the bridge railing, the portion of the sidewalk beyond each end of the bridge railing shall be transitioned down from the top elevation of the sidewalk, for its entire width, to the finished grade of the adjacent roadbed. The longitudinal slope of each sidewalk elevation transition shall not exceed 8.33 percent.
- For details of End Cap (Type TC), see Standard Plan A77J4.
- See Standard Plan A77J4 for additional details regarding depth dimension for straight metal box spacer.

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

METAL BEAM GUARD RAILING CONNECTIONS TO BRIDGE RAILINGS WITH SIDEWALKS DETAILS No.1

NO SCALE

RSP A77K1 DATED MAY 20, 2011 SUPERSEDES STANDARD PLAN A77K1
DATED MAY 1, 2006 - PAGE 76 OF THE STANDARD PLANS BOOK DATED MAY 2006.

REVISED STANDARD PLAN RSP A77K1